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| FORM PTO-1449 (Modified)<br><br><b>LIST OF PATENTS AND PUBLICATIONS FOR<br/>APPLICANT(S)' INFORMATION DISCLOSURE<br/>STATEMENT</b><br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>6136/53755 (25916-111) | SERIAL NO.<br>Unassigned     |
|   | APPLICANT Solomon I. Beilin, et al.        |                              |
|   | FILING DATE<br>Filed Herewith              | GROUP ART UNIT<br>Unassigned |

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 09/881514  
 06/12/01

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

| EXAM'R<br>INITIAL |     | DOCUMENT NUMBER | DATE     | NAME                 | CLASS | Subclass | Filing Date<br>If<br>Appropriate |
|-------------------|-----|-----------------|----------|----------------------|-------|----------|----------------------------------|
| SA                | A1  | 4,181,755       | 1/1/80   | Liu, et al.          | 430   | 314      |                                  |
|                   | A2  | 4,307,179       | 12/22/81 | Chang, et al.        | 430   | 314      |                                  |
|                   | A3  | 4,622,058       | 11/11/86 | Leary-Renick, et al. | 65    | 105      |                                  |
|                   | A4  | 4,634,496       | 1/6/87   | Mase, et al.         | 156   | 643      |                                  |
|                   | A5  | 4,795,722       | 1/3/89   | Welch, et al.        | 437   | 192      |                                  |
|                   | A6  | 4,824,521       | 4/25/89  | Kulkarni, et al.     | 156   | 643      |                                  |
|                   | A7  | 4,954,142       | 9/4/90   | Carr, et al.         | 51    | 309      |                                  |
|                   | A8  | 4,981,553       | 1/1/91   | Tytgat, et al.       | 156   | 666      |                                  |
|                   | A9  | 5,006,485       | 4/9/91   | Villalon             | 437   | 195      |                                  |
|                   | A10 | 5,084,071       | 1/28/92  | Nenadic, et al.      | 51    | 309      |                                  |
|                   | A11 | 5,091,339       | 2/25/92  | Carey                | 437   | 187      |                                  |
|                   | A12 | 5,098,517       | 3/24/92  | Tytgat, et al.       | 156   | 666      |                                  |
|                   | A13 | 5,118,385       | 6/2/92   | Kumar, et al.        | 156   | 644      |                                  |
|                   | A14 | 5,137,597       | 8/11/92  | Curry, II, et al.    | 156   | 636      |                                  |
|                   | A15 | 5,162,260       | 11/10/92 | Leibovitz, et al.    | 437   | 195      |                                  |
|                   | A16 | 5,169,491       | 12/8/92  | Doan                 | 156   | 636      |                                  |
|                   | A17 | 5,217,586       | 6/8/93   | Datta, et al.        | 204   | 129.6    |                                  |
|                   | A18 | 5,219,793       | 6/15/93  | Cooper, et al.       | 437   | 195      |                                  |
|                   | A19 | 5,225,034       | 7/6/93   | Yu, et al.           | 156   | 636      |                                  |
| ✓                 | A20 | 5,244,534       | 9/14/93  | Yu, et al.           | 156   | 636      |                                  |
| SA                | A21 | 5,246,884       | 9/21/93  | Jaso, et al.         | 437   | 225      |                                  |

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| EXAMINER <i>Shamim Ahmed</i> | DATE CONSIDERED <i>9/19/02</i> |
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|-------------------|-----|-----------------|----------|--------------------|-------|----------|----------------------------------|
| SA                | A22 | 5,258,096       | 11/2/93  | Sandhu, et al.     | 156   | 643      |                                  |
|                   | A23 | 5,272,117       | 12/21/93 | Roth, et al.       | 437   | 228      |                                  |
|                   | A24 | 5,284,548       | 2/8/94   | Carey, et al.      | 156   | 630      |                                  |
|                   | A25 | 5,287,619       | 2/22/94  | Smith, et al.      | 29    | 852      |                                  |
|                   | A26 | 5,298,463       | 3/29/94  | Sandhu, et al.     | 437   | 192      |                                  |
|                   | A27 | 5,302,551       | 4/12/94  | Iranmanesh, et al. | 437   | 195      |                                  |
|                   | A28 | 5,314,843       | 5/24/94  | Yu, et al.         | 437   | 225      |                                  |
|                   | A29 | 5,328,553       | 7/12/94  | Poon               | 156   | 636      |                                  |
|                   | A30 | 5,332,467       | 7/26/94  | Sune, et al.       | 156   | 636      |                                  |
|                   | A31 | 5,350,712       | 9/27/94  | Shibata            | 437   | 195      |                                  |
|                   | A32 | 5,354,490       | 10/11/94 | Yu, et al.         | 252   | 79.1     |                                  |
|                   | A33 | 5,354,712       | 10/11/94 | Ho, et al.         | 437   | 195      |                                  |
|                   | A34 | 5,363,550       | 11/15/94 | Aitken, et al.     | 29    | 828      |                                  |
|                   | A35 | 5,380,546       | 1/10/95  | Krishnan, et al.   | 427   | 126.1    |                                  |
|                   | A36 | 5,389,194       | 2/14/95  | Rostoker, et al.   | 156   | 636      |                                  |
|                   | A37 | 5,397,741       | 3/14/95  | O'Connor, et al.   | 437   | 187      |                                  |
|                   | A38 | 5,429,987       | 7/4/95   | Allen              | 437   | 187      |                                  |
|                   | A39 | 5,451,543       | 9/19/95  | Woo, et al.        | 437   | 195      |                                  |
| ✓                 | A40 | 5,451,551       | 9/19/95  | Krishnan, et al.   | 437   | 241      |                                  |
| SA                | A41 | 5,453,402       | 9/26/95  | Cheung, et al.     | 437   | 195      |                                  |

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### FOREIGN PATENT DOCUMENTS

| EXAM'R<br>INITIAL |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | Subclass | TRANSLAT'N |    |
|-------------------|----|-----------------|------|---------|-------|----------|------------|----|
|                   |    |                 |      |         |       |          | yes        | no |
|                   | B1 |                 |      |         |       |          |            |    |

### OTHER ART (Include Author, Title, Date, Pertinent Pages, Etc.)

|    |    |  |
|----|----|--|
| SA | C1 | Andrew R. Fee, et al., "Rockwell Hardness Testing," <i>ASM Handbook</i> , Vol. 8, Mechanical Testing, The Materials Information Society, pgs. 74-83, 109-113. <span style="float: right;">NOV, 1989</span> |
|    | C2 | T.A. Shankoff, et al., "High Resolution Tungsten Patterning Using Buffered, Mildly Basic Etching Solutions," <i>J. Electrochem. Soc.: SOLID STATE SCIENCE AND TECHNOLOGY</i> , Feb., 1975, pgs. 297-298.   |
|    | C3 | <i>Materials Handbook for Hybrid Microelectronics</i> , Teledyne Microelectronics, Los Angeles, CA 1988, pg. 476.  |
|    | C4 | <i>Goodfellow Metals and Materials for Research and Industry</i> , Catalog, 1992-1993, 6 pgs.  |
|    | C5 | <i>Handbook of Plastics, Elastomers, and Composites</i> , Second Edition, Technology Seminars, Inc., Lutherville, Maryland, 1992, 4 pages.   |
| ✓  | C6 | Second Edition, <i>CRC Materials Science and Engineering Handbook</i> , CRC Press, 1994, 3 pgs.  |
| SA | C7 | <i>Semiconductor International</i> , "CMP: Suppliers Integrating, Applications Spreading," Nov. 1995, pgs. 74-82.  |

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| EXAMINER <i>Shamir Abd</i> | DATE CONSIDERED <i>9/19/02</i> |
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